

Project Name: California Birth Certificate Verification

OCIO Project #:

Department: Department of Motor Vehicles

Revision Date: 9/13/10

Concept Statement

Description

Brief description of the proposed project:

The California Birth Certificate Verification Project will use data from the California Department of Public Health (DPH) to authenticate California birth certificates presented during the driver license and identification (DL/ID) card application process. These birth certificates are the source document used to establish the identity of the individual. Based on 2008 information, DMV accepts an estimated 400,000 California birth certificates annually in conjunction with original DL/ID card applications.

Need Statement

High Level Functional Requirements:

When a California birth certificate is presented as the source document for an original DL/ID card, it will be authenticated on-line, in real time with data from the issuing agency (DPH) while the customer is in the office. If the document fails authentication, the application will not be processed.

What is Driving This Need?

This system supports the goals in the DMV 2010 Strategic Plan. Verifying the source document with the issuing agency will protect the integrity of the DL/ID card issued. In addition, if California implements the REAL ID Act of 2005, the ability to verify source documents with the issuing agency may be required.

Risk to the Organization if This Work is Not Done:

DMV risks issuing DL/ID cards based on fraudulent source documents. In addition, the California DL/ID card may be determined non-compliant with the federal REAL ID Act, and therefore not acceptable for official federal purposes, which are defined as accessing federal facilities, boarding federally regulated commercial aircraft, and entering nuclear power plants.

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Benefit Statement

Intangible Benefits

Process Improvements

(describe the nature of the process improvement):

This project supports the goals in the DMV 2010 Strategic Plan. It supports DMV's information security goals and objectives by ensuring that the validity of personal information collected from an applicant is factual and accurate and matches other identity data bases, such as those maintained by the Social Security Administration and vital records agencies.

Other Intangible Benefits:

By strengthening the validity of personal information, this project will allow DMV to store only personally identifiable information that is verifiable, and will assist in the detection of applicants who may have multiple or fraudulent identities on our database.

Tangible Benefits

Revenue Generation

(describe how revenue will be generated):

None

Cost Savings

(describe how cost will be reduced):

None. The time currently spent manually reviewing California birth certificates would be reduced, however, the technician would now be required to key enter data from the birth certificate into the system for matching purposes.

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Cost Avoidance

(describe the cost and how avoided):

None

Risk Avoidance


(describe the risk and how avoided):

There is currently a risk of an individual in California who is revoked for a traffic safety reason, such as drunk driving, creating a new identity by using a fraudulent birth certificate and obtaining a new DL in that identity. Verifying birth certificates on-line with DPH should eliminate the ability of these fraudsters to create new identities for the purpose of circumventing driving privilege revocations and suspensions. It should also eliminate the use of the California birth certificate in identity theft.

Improved Services:

This project increases the accuracy and integrity of the data; thus, reducing the opportunity for fraud and identity theft and improving customer services.

Consistency

"No" Responses 		Rationale	Action Required
Enterprise Architecture			
Business Plan			
Strategic Plan			

Impact to Other Agencies

Nature of Impact to Other Agencies

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Agency:
<i>Describe the nature of the impact:</i>
This project will impact DPH. DPH registers all California birth and deaths. DPH has been engaged for several years in an effort to electronically index and image birth and death records, and it is a high priority to them. Their ability to help fund this project is unknown.

Agency:
<i>Describe the nature of the impact:</i>

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Solution Alternatives

Alternative 1:
Continue the current system of visually inspecting birth certificates that are presented as source documents for original DL/ID cards. Currently, each birth certificate is reviewed by two individuals. This process is manual and time consuming, but more importantly, while fraudulent document training is provided, field office employees are not experts in fraudulent document detection.

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Technical Considerations for Alternative 1:	
None	
ROM Cost:	Note: high end of range must not exceed 200% of low end of range

Alternative 2:
Receive an initial extract of birth and death data from DPH on disk or some other type of electronic medium. Receive regular updates from DPH to keep the data current. When a California birth certificate was presented, an inquiry would be made against the DPH data and a response would be returned to the technician indicating whether or not the application could proceed.

Technical Considerations for Alternative 2:	
Option 2 would require transmission of bulk data from DPH to DMV at scheduled intervals. DMV has experience receiving data via CD or SFTP. DMV would be required to store and maintain the data. DMV could develop a web application (service) that would accept queries from field office technicians, query the stored DPH data, and then return the appropriate response to the technician’s screen (e.g., Valid, Invalid, system unavailable, etc.).	
ROM Cost: \$650,000 to \$900,000	Note: high end of range must not exceed 200% of low end of range

Alternative 3:
Verify birth certificates on-line directly with DPH, but not using a national system. When a California birth certificate is presented, an inquiry would be made on-line directly to DPH and a response would be returned to the technician indicating whether or not the application could proceed.

Technical Considerations for Alternative 3:
This option would be very similar to DMV’s current Legal Presence Verification (LPV) web application (service). The LPV service currently accepts queries from field office technicians verifying legal presence documents for customers applying for driver license and/or identification cards. The query is submitted

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from the field office terminals via MQ and the LPV application formats the data into a SOAP message that is sent to the Department of Homeland Security web service for verification. The response received from DHS is stored in a DB2 report/audit table and the message response is reformatted and returned via MQ. The technician receives either a ‘Yes’ or ‘No’ response as to whether the documents require further (manual) verification by LOD’s Headquarters Issuance section. This solution also implemented email notification to appropriate staff if the service becomes unavailable. The logistics of inter-agency agreements would need to be identified, security issues and risks identified, and the communication methods determined as well as storage of audit data (or logging). Coordination between DMV, DPH and OTech would be critical.

ROM Cost:

\$650,000

to

\$725,000

Note: high end of range must not exceed 200% of low end of range

Recommendation

Comparison:

Alternative 1	ROM Cost			Risk
	\$0	-	\$0	
Alternative 2	ROM Cost			Risk
	\$650,000	-	\$900,000	
Alternative 3	ROM Cost			Risk
	\$650,000	-	\$725,000	

Conclusions:

1	
2	
3	
4	

Recommendation:

Option three is the recommended approach.

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Project Approach (if known)

System Complexity:			System Business Hours: (e.g., 24x7, 9am-5pm) :			
Architecture	<input type="checkbox"/> Mainframe	<input type="checkbox"/> Client Server	<input type="checkbox"/> Web Based		Num. of New Databases:	
Technology	<input type="checkbox"/> New	<input type="checkbox"/> New to Staff	<input type="checkbox"/> In-House Experience		Interfaces:	
Implementation	<input type="checkbox"/> Central Site	<input type="checkbox"/> Phased Roll-out			Num. of Sites:	
M & O Support	<input type="checkbox"/> Contractor <input type="checkbox"/> Data Center <input type="checkbox"/> Project <input type="checkbox"/> In House					
Procurement Approach:					Number of Procurements:	
Open Procurement?		Delegated Procurement?				
Scope of Contract	<input type="checkbox"/> Development <input type="checkbox"/> Implementation <input type="checkbox"/> M & O <input type="checkbox"/> Other:					
Anticipated Length of Contract:		Years /		extensions for		years